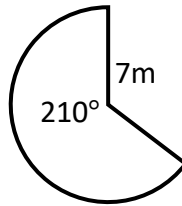


## National 5

### Short Task 1

Round all answers to an appropriate degree of accuracy unless specifically stated

1. Fully factorise  $3p^2 - 48$
2. After a rise of 12%, a holiday costs £3456. What was the cost of the holiday before the rise?
3. Evaluate  $32^{2/5}$ .
4. Work out the length of the arc shown here.



5. A television is priced at £533, but is reduced to £450 in a sale. Work out the percentage reduction in price.
6. Find the gradient and equation of the line passing through the points A(-2,6) and B(1,15).